

8Sep 2010

GRIP (FLL-JSC-DFRC) 14Z Daily Telecon / Webinar

Participants

FLL Team – Bob Houze, Liz Currie, Michele Garrett, Paul Meyer, Krishnamurti, Ed Zipser Instrument and Forecast teams

HSV – Michael Goodman, Matt He, Rich Blakeslee

Telecon

Bud Meins, Shelly Baccus, Bjorn Lambrigtsen, Gerry Heymsfield, Steve Durden, Michael Black, Chris Ruf, Tim Miller, Ramesh Kakar

Global Hawk Report

- **Aircraft – green**
 - No fly on Wednesday
 - Waiting for dropsonde low & high altitude drop test no earlier than Tuesday.
 - Xchat group #GHOPS has been created for use by flight crew across all aircraft. Intended for DC8 & navigator to pass info to GH Pilots. Change channel to #PILOTOPS
 - Plane ready
- **Dropsonde – red**
 - Re-fly of Low Altitude test flight and high altitude flights in one day.
Must be a weekday and have a chase plane.
 - Need more resources to work on installation - at NCAR
 - Will not be able to fly till Tuesday 9/14/2010
 - Dropsonde engineers machining new parts in NCAR/Boulder.
- **HAMSR – green.**
- **LIP - green**
- **HIWRAP – yellow**
 - Some noise in 2-channels in the Ka band
 - Analyzing data

WB-57 Report

- **Aircraft - red**
 - Awaiting repair of canopy seal pump; should be repaired by 9/10/2010
 - Will work repair of three parts Tuesday morning
 - Daily status updates. Hope to have one pump completed today another pump available from Navy supply.
- **HIRAD - green**
 - Media day next Monday or Tuesday. (9/13-9/14)

- Will return to Houston this weekend Sunday (9/12), but will be able to arrive earlier if needed.
- Wanting to do sky calibration from ground (9/13-9/14/2010)
- NAST-I still delayed – may make it for last week of mission.

DC8 Report

- Aircraft – green.
 - Flight on Tuesday met all objectives
 - Communications to ground kept going in and out
 - Minor maintenance today. Replacement hydraulic accumulator is being shipped as a ground spare..
- LASE – green.
- LARGE – green.
- APR2 – green.
- DAWN – yellow.
- Microphysics – green
 - PIP Probes calibrated yesterday and ready to go.
 - CSI cannot fly for the duration of GRIP
- MMS – green.
- Dropsonde – green.
 - 19 sondes released yesterday with two failed sondes (fast fallers), but the two failed sondes may have recoverable data.
 - Pessimistic Vaisala can deliver more dropsondes in time. Perhaps acquire from NOAA (check compatibility).

Science

Tuesday- Takeoff on 7Sept estimated for 18Z with a science flight and ferry back to FLL. Return time still uncertain. Could be between 9-midnight EDT

Wednesday - No Fly Day

Thursday – Possible science flight DC-8

Friday – Possible science flight DC-8

Ramesh Kakar - Need a synergistic look at Earl for one time period, perhaps when all NASA resources were flying, and incorporate collaborative efforts with the NOAA aircraft. Provide data from each of the instruments as a viewgraph, mission scientist assemble chart showing synergy between the instruments. This is for Mike Freilichs' monthly presentation.